

AMENDMENTS TO THE CLAIMS

Please amend the claims by replacing the original claims with the following listing of claims.

LISTING OF THE CLAIMS:

Claims 1 -3. (Cancelled).

Claim 4. (Currently amended) An apparatus for transmitting data to a target comprising: a means for updating, present on a distribution media, and further comprising data, data information and a cryptographic hash of said data information; a means for transmission between said distribution media and said target, a means for obtaining data information from said distribution media; and, a means for processing said cryptographic hash of said data information; whereby said means for obtaining data information from said distribution media obtains said cryptographic hash from said means for updating present on said distribution media, which cryptographic hash is transmitted through said means for transmission to said means for processing, and which upon receipt of said cryptographic hash of said data information compares said cryptographic hash with said target in order to determine if said data should be transmitted to said target, said data being less than the content of a file when only portions of a file, and not the entire file itself, require updating,

. wherein at least one cryptographic hash is generated at said target and is stored at said target; said stored cryptographic hash corresponding with the data of said target.

Claims 5-7. (Cancelled).

Claim 8. (Currently amended) A method for transmitting data to a target comprising the steps of: transmitting a cryptographic hash of data information, which cryptographic hash is comprised of a unique data identifier, from a first distribution media to said target; comparing said cryptographic hash in order to determine if data information should be transmitted to said target; transmitting said data information from a second distribution media, if necessary, to said target; comparing said data information with said target in order to determine if said data should be transmitted to said target, wherein said data determined to be transmitted to said target is less than the content of a file when only portions of a file, and not the entire file itself, require updating;

including preparing said data information from attributes of said data, said data information comprising an update_index file, wherein said cryptographic hash of data information comprises a cryptographic hash of said update_index file, and wherein comparing said cryptographic hash in order to determine if data information should be

transmitted to said target includes comparing said cryptographic hash of said
update_index file.

Claim 9. (Previously presented) A method as in claim 8 further comprising the step of obtaining data information from said second distribution media.

Claim 10. (Original) A method as in claim 9 wherein the step of obtaining data information from said server further comprises the step of using an http address to obtain data information.

Claim 11. (Original) A method for transmitting data as in claim 8, wherein the first and second distribution media are the same.

Claim 12. (Original) A method for transmitting data as in claim 8, wherein either the first and second distribution media at least partially comprises a network.

Claim 13. (Original) A method as in claim 8 further comprising the step of preparing said data information from attributes of said data.

Claim 14. (Original) A method as in claim 13 wherein said data comprises one or more

software product files.

Claim 15. (Previously presented) A method as in claim 13 further comprising the step of preparing said cryptographic hash from said data information.

Claims 16-17. (Cancelled)

Claim 18. (Original) A method as in claim 8 further comprising the steps of transmitting said data from a third distribution media to said target.

Claim 19. (Original) A method as in claim 18 wherein the third distribution media at least partially comprises a network.

Claim 20. (Original) A method as in claim 19 further comprising the step of editing data on said target in order to update data on said target.

Claim 21. (Previously presented) A method for transmitting data to a target comprising the steps of: providing a software product; preparing data information about said software product; preparing a cryptographic hash of data information about said software product; which cryptographic hash is comprised of a unique data identifier, storing said software product on a first distribution media; storing said data information on a second

distribution media; storing said cryptographic hash of data information on a third distribution media; obtaining data information about said software product; transmitting said cryptographic hash of data information to said target; comparing said cryptographic hash in order to determine if data information should be transmitted to said target; transmitting said data information, if necessary, to said target; comparing said data information with said target in order to determine if said data should be transmitted to said target; transmitting said data, if necessary, to said target; and, editing said data on said target in order to update data on said target.

Claim 22. (Previously presented) An apparatus for transmitting data to a target comprising: a means for updating, present on a distribution media, and further comprising data, data information and a cryptographic hash of said data information; a means for transmission between said distribution media and said target, a means for obtaining data information from said distribution media; and, a means for processing said cryptographic hash of said data information; whereby said means for obtaining data information from said distribution media obtains said cryptographic hash from said means for updating present on said distribution media, which cryptographic hash is transmitted through said means for transmission to said means for processing, and which upon receipt of said cryptographic hash of said data information compares said cryptographic hash with said target in order to determine if said data should be transmitted to said target, said data transmitted to said target comprising an editing command for editing said target.

Claim 23. (Previously presented) An apparatus for transmitting data to a target comprising: a means for updating, present on a distribution media, and further comprising data, data information and a cryptographic hash of said data information; a means for transmission between said distribution media and said target, a means for obtaining data information from said distribution media; and, a means for processing said cryptographic hash of said data information; whereby said means for obtaining data information from said distribution media obtains said cryptographic hash from said means for updating present on said distribution media, which cryptographic hash is transmitted through said means for transmission to said means for processing, and which upon receipt of said cryptographic hash of said data information compares said cryptographic hash with said target in order to determine if said data should be transmitted to said target, said data transmitted to said target comprises a binary editing command.

Claim 24. (Previously presented) A method for transmitting data to a target comprising the steps of: providing a software product; preparing data information about said software product; preparing a cryptographic hash of data information about said software product; which cryptographic hash is comprised of a unique data identifier, storing said software product on a first distribution media; storing said data information on a second distribution media; storing said cryptographic hash of data information on a third distribution media; obtaining data information about said software product; transmitting said cryptographic hash of data information to said target; comparing said cryptographic

hash in order to determine if data information should be transmitted to said target; transmitting said data information, if necessary, to said target; comparing said data information with said target in order to determine if said data should be transmitted to said target; transmitting said data, if necessary, to said target; and, editing said data on said target in order to update data on said target, wherein said transmitted data comprises one or the other or both of (i) portions of a file and (ii) an editing command to effectuate a change in a file.

Claim 25. (New) The method of claim 4, wherein said data information comprises a module name and a hash of a module name, and wherein said cryptographic hash is a hash of said data information.

Claim 26. (New) The method of claim 25, wherein said data comprises one or more modules, wherein upon transmission of said data to said target, an update manager performs the steps of extracting said one or more modules and replacing files or byte sequences, wherein said one or more modules contain directions for replacement of byte sequences.